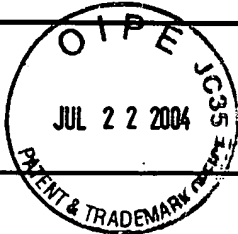
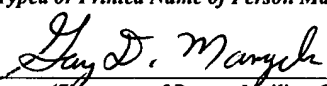
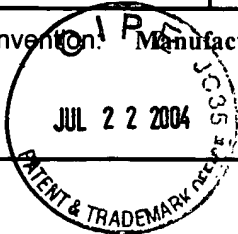
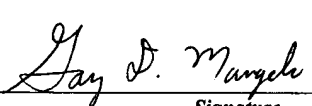
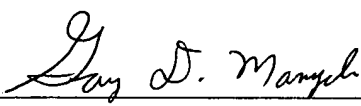


CERTIFICATE OF MAILING BY "EXPRESS MAIL" (37 CFR 1.10) Applicant(s): Brima et al.			Docket No. 122835.8	
Application No. 10/043,934	Filing Date 01/11/2002	Examiner Katarzyna Wyrozebski	Customer No. 041068	Group Art Unit 1714
Invention: <div style="text-align: center; margin-top: 10px;"> Manufacturing Inorganic Polymer Hybrids </div> <div style="text-align: center; margin-top: 20px;">  </div>				
<p>I hereby certify that the following correspondence:</p> <div style="border: 1px solid black; padding: 5px; margin: 10px 0;"> Amendment Transmittal Sheet (1 page) Response to Final Office Action (12 pp) Postcard </div> <p style="text-align: center; margin: 5px 0;"><i>(Identify type of correspondence)</i></p> <p>is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on</p> <div style="margin-top: 20px;"> <div style="display: flex; justify-content: space-between; align-items: flex-end;"> <div style="text-align: center;"> <u>July 22, 2004</u> <i>(Date)</i> </div> <div style="text-align: center;"> <u>Gary D. Mangels</u> <i>(Typed or Printed Name of Person Mailing Correspondence)</i>  <i>(Signature of Person Mailing Correspondence)</i> </div> <div style="text-align: center;"> <u>EV 325379667 US</u> <i>("Express Mail" Mailing Label Number)</i> </div> </div> </div>				
<p>Note: Each paper must have its own certificate of mailing.</p>				

AMENDMENT TRANSMITTAL LETTER (Large Entity)				Docket No. 122835.8	
Applicant(s): Brima et al.					
Application No. 10/043,934	Filing Date 01/11/2002	Examiner Katarzyna Wyrozebski	Customer No. 041068	Group Art Unit 1714	Confirmation No. 9375
Invention: Manufacturing Inorganic Polymer Hybrids					
 COMMISSIONER FOR PATENTS:					
Transmitted herewith is an amendment in the above-identified application.					
The fee has been calculated and is transmitted as shown below.					
CLAIMS AS AMENDED					
	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST # PREV. PAID FOR	NUMBER EXTRA CLAIMS PRESENT	RATE	ADDITIONAL FEE
TOTAL CLAIMS	22 -	51 =	0 x	\$18.00	\$0.00
INDEP. CLAIMS	2 -	5 =	0 x	\$86.00	\$0.00
Multiple Dependent Claims (check if applicable) <input type="checkbox"/>					\$0.00
TOTAL ADDITIONAL FEE FOR THIS AMENDMENT					\$0.00
<input type="checkbox"/> No additional fee is required for amendment. <input type="checkbox"/> Please charge Deposit Account No. _____ in the amount of _____ <input type="checkbox"/> A check in the amount of _____ to cover the filing fee is enclosed. <input checked="" type="checkbox"/> The Director is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. 50-2194 <input checked="" type="checkbox"/> Any additional filing fees required under 37 C.F.R. 1.16. <input checked="" type="checkbox"/> Any patent application processing fees under 37 CFR 1.17.					
 _____ Signature			Dated: July 22, 2004		
ATTN: Matthew P. McWilliams Buchanan Ingersoll PC 1835 Market Street, 14th Floor Philadelphia, PA 19103-2985 Telephone: (215) 665-3865			I certify that this document and fee is being deposited on July 22, 2004 with the U.S. Postal Service as first class mail under 37 C.F.R. 1.8 and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.  _____ Signature of Person Mailing Correspondence Gary D. Mangels _____ Typed or Printed Name of Person Mailing Correspondence		
cc:					



07-23-04

AF IFW

Attorney's Docket No. 122835.8

Patent

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Brima et al. :
Serial No.: 10/043,934 : Group No. : 1714
Filed: January 11, 2002 : Examiner: Katarzyna I. Wyrozebski Lee

For: Manufacturing Inorganic Polymer Hybrids

RESPONSE TO FINAL OFFICE ACTION

Mail Stop AF
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In response to the Final Office Action mailed on May 14, 2004, the Applicants respectfully submit the following **Amendments** and **Remarks/Arguments**.

Amendments to the claims are reflected in the listing of claims that begin on page 2 of this paper.

Remarks/Arguments begin on page 5 of this paper.